

**Abstract**

The present invention provides a method of inducing weight loss in a patient, comprising continuous infusion of an effective amount of an MC4R agonist peptide into the patient. Additionally, the present invention provides a method of treating obesity in a patient, comprising continuous infusion of an effective amount of an MC4R agonist peptide into the patient. Furthermore, the present invention provides the use of an MC4R agonist peptide for the manufacture of a medicament for the treatment of obesity, wherein the medicament is administered by continuous infusion.